

Two New Epitoniidae from the Galápagos Islands

(Mollusca : Gastropoda)

BY

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(Plate 51)

SPECIES OF *Amaea* are uncommon in the eastern Pacific Ocean with but three species having been described: *Amaea brunneopicta* (DALL, 1908), *A. ferminiana* (DALL, 1908) and *A. tehuacanarum* DUSHANE & MCLEAN, 1968. During the past months specimens of a fourth species of *Amaea* from the eastern Pacific have been sent to the author for identification. Comparison of these shells with photographs of *Amaea (Scalina) retifera* (DALL, 1889) in CLENCH & TURNER, 1950, from the western Atlantic and with the holotype (USNM 83733) of DALL's taxon suggests analogous affinity with the specimens from the eastern Pacific; this taxon is here described.

Amaea (Scalina) deroyae DUSHANE, spec. nov.

(Plate 51, Figure 2)

Description of Holotype: Shell medium in size, thin, pale brown, nuclear whorls missing in holotype; remaining 13 whorls strongly convex, with a round shoulder; suture deeply impressed, aperture subcircular; axial sculpture foliaceous with about 31 costae on the body whorl; costae scalloped, with high areas at the intersections of the spiral sculpture; 6 to 8 spiral ridges on the body whorl; this reticulate pattern is found on all whorls; within the reticulations are minute axial and spiral threads; basal area set off by a strongly projecting ridge and characterized by low but well-defined reticulate sculpture; columella short, terminating in a shallow sinus; outer lip thin, with about 7 crenulations, umbilicus lacking; operculum missing in holotype. Dimensions: length 22.8 mm, width 7.3 mm (holotype).

Type Material:

Holotype: Los Angeles County Museum of Natural History; LACM-AHF 147-34, Invertebrate Zoology Type Collection, catalog number 1236

Paratypes (5): Los Angeles County Museum of Natural History; LACM-AHF 147-34, Invertebrate Zoology Type Collection, catalog numbers 1239, 1240, 1241, 1242, 1243

Paratypes (2): The American Museum of Natural History; AMNH number 152604

Paratypes (2): The American Museum of Natural History; AMNH number 152605

Paratype (1): Mrs. Jacqueline DeRoy collection
Type Locality: Tagus Cove, Isla Isabela (Albemarle Island), Galápagos Islands, Ecuador, 0°16' S Lat., 91°22' W Long., 6 specimens dredged by the *Velero III* at station AHF 147-34, in 30 fathoms, rock and coral bottom, 13 January 1934. Five additional specimens were dredged by Mrs. Jacqueline DeRoy at the same locality in 35 to 60 fathoms, 27 January 1968.

Additional Localities: Five specimens in the Santa Barbara Museum of Natural History Collection and one in the DuShane Collection, referable to this taxon, were trawled off Cabo Haro, Guaymas, Sonora, Mexico, 27°52' N Lat., 110°52' W Long., in 45 to 90 fathoms, 2 September 1960. Two additional specimens in the Shasky Collection were trawled off the west side of Isla Monserrate, Gulf of California, Mexico, in 20 to 40 fathoms, 1 September 1960. One worn specimen in the Shasky Collection was dredged off Punta Final, Gulf of California, Mexico, in 20 fathoms, January 1961. Two specimens in the American Museum of Natural History Collection were dredged off Maria Magdalena Island in the Tres Marias Islands group on the Puritan-American Museum Expedition, in 28 fathoms, March 1967. A third specimen in the American Museum of Natural History Collection was dredged off the southwest side of Isla San Diego, Gulf of California, 25°11'30" N Lat., 110°42'40" W Long., on the Puritan-American Museum Expedition, in 25 to 40 fathoms, 30 April 1957. This specimen appears to be freshly dead.



Figure 1



Figure 2

Figure 1

Epitonium (Nitidiscala) hancocki DUSHANE, spec. nov.

Holotype: Hood Island, Galápagos Islands, Ecuador. Length 13 mm
Photograph $\times 4$; courtesy Los Angeles County Museum of Natural History

Figure 2

Amaea (Scalina) deroyae DUSHANE, spec. nov.

Holotype: Tagus Cove, Albemarle Island, Galápagos Islands, Ecuador.
Length 22.8 mm. Photograph $\times 1.2$; courtesy Los Angeles County
Museum of Natural History

